

# Population projections, data, and AZ-SMART Preview

**MAG POPULATION TECHNICAL ADVISORY COMMITTEE**  
**APRIL 28, 2015**

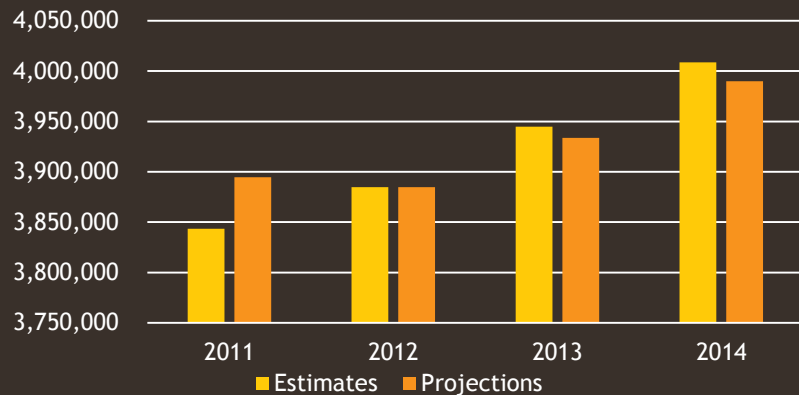
# Overview

- Projections: What's and Why's
- Projections vs. Estimates, 2010 - 2014
- Potential changes or enhancements from last projection review
- Model enhancements
- Timing
  - Control totals
  - Meetings/roadshow/review
  - POPTAC, Management Committee, Regional Council

# Projections - Overview

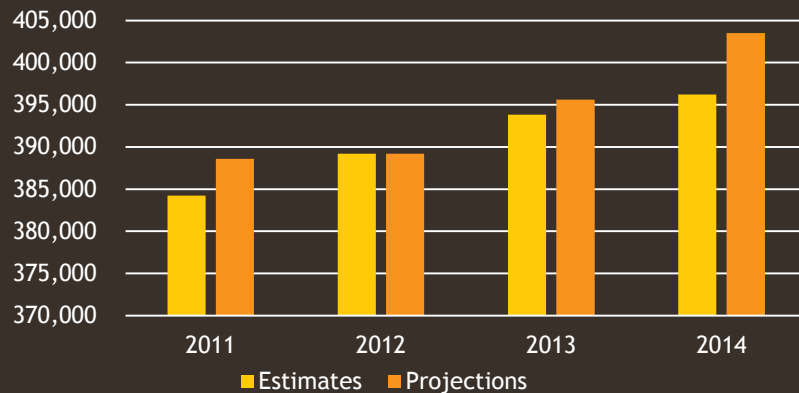
- Why do we do it?
  - Arizona Executive Order 2011-04
  - Transportation and Air Quality Planning and Modeling needs
  - Increasingly complex questions from stakeholders, policy analysis
- What do we do?
  - Latest official projections (adopted by MAG Regional Council mid-2013) from 2010 to 2040
  - Population : Resident, Special (e.g. GQ), Seasonal, Transient
  - Housing by Type (SF, MF)
  - Employment by Industry Sector (2 digit NAICS) and Land Use Type
  - Additional Socioeconomic characteristics: Income, School/Post HS Enrollment

# Projections vs. Estimates



- **Maricopa County**

- Maximum % difference: 1.33%
- Average % difference: 0.15%



- **Pinal County**

- Maximum % difference: 1.83%
- Average % difference: 0.86%

# Potential changes or enhancements from last projections review

- ▶ Mixed-Use \ Market-Driven Land Use \ Development Capacity \ Build-Out
  - ▶ Large areas of general mixed land use are difficult to calculate a capacity for
- ▶ Employment:
  - ▶ Report and Review Land Use Based or Industry Based employment
    - ▶ Land use employment categories: Retail, Office, Public, Industrial, Other
    - ▶ Industry sectors: NAICS super-sector (11 categories) or 2 digit (24 categories)
      - ▶ Industry category examples: Manufacturing, Health Care, Accommodation and Food Service, Finance and Insurance
  - ▶ Volatile ancillary employment categories (e.g. NSB, Construction)

# Enhancements

- Model Code, Structure, and Behavior
  - Real estate development model enhancements
  - Other new model code (UrbanSim 2.0)
- Control Totals Methods
  - New Regional Economic Forecasting Model w/SANDAG
- Factors and Assumptions
  - Applied Economics: factors evaluation
  - Elliot Pollack Co.: development db enhancement

# Projections Activities 2015-16 (preliminary)

Data / Base /  
Build-out  
roadshow  
May/June  
2015

Data / Base /  
Build-out  
roadshow  
May/June  
2015

POPTAC AdHoc  
Tech Sessions  
June 2015

POPTAC AdHoc  
Tech Sessions  
July 2015

Draft County  
Control Totals  
Sept/Oct 2015

2015

2015-16

Public  
Release  
County  
Controls  
Dec. 2015

Draft 1  
Review  
January -  
February  
2016

Draft 2  
Review  
March  
2016

Draft 3  
Review  
April -  
May 2016

POPTAC  
May 2016

Management  
Committee  
June 2016

Regional  
Council  
June  
2016

# Questions or comments?

Interactive maps: <http://ims.azmag.gov>

mag datacenter: <http://datacenter.azmag.gov>

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